

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S53	0	((("fecl.sub.3") or "Fe(ClO4)3" or "Fe2(SO4)2") near3 salt)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/11/25 22:31
S54	598	((("fecl.sub.3") or "Fe(ClO4)3" or "Fe2(SO4)2") near3 salt)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/11/25 22:32
S55	74	((("fecl.sub.3") or "Fe(ClO4)3" or "Fe2(SO4)2") near3 salt) same (((sulphuric or sulfuric) adj acid) or NaOH or KOH or ((sodium or potassium) adj hydroxide))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/11/25 22:34
S56	10	((("fecl.sub.3") or "Fe(ClO4)3" or "Fe2(SO4)2") near3 salt) same (((sulphuric or sulfuric) adj acid) or NaOH or KOH or ((sodium or potassium) adj hydroxide)) same (oxidant or oxidizer or dopant)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/11/25 22:34
S57	6259	(prepar\$3 or synthesis\$3 or mak\$3) near3 (oxidant or oxidizer or dopant)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/11/25 22:39
S58	131	(prepar\$3 or synthesis\$3 or mak\$3) near3 (oxidant or oxidizer or dopant).ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/11/25 22:39
S59	2	S58 ((("fecl.sub.3") or "Fe(ClO4)3" or "Fe2(SO4)2" or acid\$2 or iron) near3 salt) and (((sulphuric or sulfuric) adj acid) or NaOH or KOH or ((sodium or potassium) adj hydroxide))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/11/25 22:41
S60	2	S58 ((("fecl.sub.3") or "Fe(ClO4)3" or "Fe2(SO4)2" or acid\$2 or iron or (ferric adj sulfate)) near3 salt) and (((sulphuric or sulfuric) adj acid) or NaOH or KOH or ((sodium or potassium) adj hydroxide))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/11/25 22:42

S61	1	S58 (((("fecl.sub.3") or "Fe (ClO4)3" or "Fe2(SO4)2" or (ferric adj sulfate)) or "Fe (III)-p-toluenesulphonate") and (((sulphuric or sulfuric) adj acid) or NaOH or KOH or ((sodium or potassium) adj hydroxide)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/11/25 22:46
S62	5	S58 (salt same (((sulphuric or sulfuric) adj acid) or NaOH or KOH or ((sodium or potassium) adj hydroxide)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/11/25 22:48
S63	2	("6790429").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/11/25 22:54
S64	34	("2536703" "2758084" "2758090" "2835553" "3985770" "4198296" "4304760" "4385045" "4405573" "4435257" "4435265" "4451338" "4500499" "4545974" "4551326" "4983306" "5202108" "5217584" "5234603" "5284642" "5370857" "5380443" "5746994" "5997812" "6187347" "6471788").PN. OR ("6790429").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2009/11/25 23:05
S65	398	(prepar\$3 or synthesi\$4 or mak\$3 or produc\$4 or process\$3) near3 (conduc\$4 near polymer\$2) with (oxidant or oxidizer or dopant or ferrate)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/11/25 23:18
S66	0	(prepar\$3 or synthesi\$4 or mak\$3 or produc\$4 or process\$3) near3 (conduc\$4 near polymer\$2) with (oxidant or oxidizer or dopant) near3 ferrate	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/11/25 23:20
S67	11	(prepar\$3 or synthesi\$4 or mak\$3 or produc\$4 or process\$3) near3 (conduc\$4 near polymer\$2) with (oxidant or oxidizer or dopant) with (ferric or ferrate)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/11/25 23:21
S68	31	(prepar\$3 or synthesis\$3 or mak\$3) near3 (oxidant or oxidizer or dopant) with polymeriz\$5 near4 (monomer or thiophene or pyrrole or aniline)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/11/25 23:28

S69	131	(prepar\$3 or synthesis\$3 or mak\$3) near3 (oxidant or oxidizer or dopant).ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/11/25 23:29
S70	4	S69 and (oxidant or oxidizer or dopant) with polymeriz\$5 near4 (monomer or thiophene or pyrrole or aniline or polymer)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/11/25 23:29
S71	9752	(method or process) with (prepar\$5 or mak\$3 or manufactur\$3 or synthesi\$4 or produc\$3) with (oxidant or oxidizer)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/11/29 18:44
S72	263	(method or process) with (prepar\$5 or mak\$3 or manufactur\$3 or synthesi\$4 or produc\$3) with (oxidant or oxidizer).ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/11/29 18:44
S73	0	S72 and (fe or iron) near (toluene or sulphonate or sulfonate) with salt	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/11/29 18:47
S74	1	S72 and (fe or iron) near (toluene or sulphonate or sulfonate)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/11/29 18:48
S75	393	(method or process) near2 (prepar\$5 or mak\$3 or manufactur\$3 or synthesi\$4 or produc\$3) near2 (oxidant or oxidizer)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/11/29 18:49
S76	10	S75 and anion adj exchanger	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/11/29 18:51
S77	232	(polymer or monomer or thiophene or pyrrole or aniline) with (prepar\$5 or mak\$3 or manufactur\$3 or synthesi\$4 or produc\$3) near2 (oxidant or oxidizer)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/11/29 18:59
S78	2383	(polymer or monomer or thiophene or pyrrole or aniline) with (prepar\$5 or mak\$3 or manufactur\$3 or synthesi\$4 or produc\$3) with (oxidant or oxidizer)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/11/29 19:00
S79	51	S75 S78	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/11/29 19:00
S80	18	S75 S77	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/11/29 19:00
S81	16	("4567250" "4585695" "4697001").PN. OR ("4847115").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2009/11/29 20:23

S82	26	((Fe or iron) near (methylbenzene?sulfonic or 4-methylbenzene?sulfonic or methylbenzene?sulphonic or 4-methylbenzene?sulphonic or methylbenzene?sulphonate or 4-methylbenzene?sulphonate or salt)) with treat\$2 with (NaOH or KOH or ((sodium or potassium) near hydroxide))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/11/29 21:01
S83	239	((Fe or iron or ferric) near (methylbenzene?sulfonic or 4-methylbenzene?sulfonic or methylbenzene?sulphonic or 4-methylbenzene?sulphonic or methylbenzene?sulphonate or 4-methylbenzene?sulphonate or salt)) or "FeCl.sub.3" or Fe "SO.sub.4") with (mix\$3 or stir\$4 or treat\$2) with (NaOH or KOH or ((sodium or potassium) near hydroxide))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/11/29 21:27
S84	2	S78 S83	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/11/29 21:28
S85	161	((Fe or iron or ferric) near (methylbenzene?sulfonic or 4-methylbenzene?sulfonic or methylbenzene?sulphonic or 4-methylbenzene?sulphonic or methylbenzene?sulphonate or 4-methylbenzene?sulphonate or salt)) or "Fe.sub.2(SO.sub.4).sub.3") with (mix\$3 or stir\$4 or treat\$2) with (NaOH or KOH or ((sodium or potassium) near hydroxide))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/11/29 21:32
S86	0	S78 S85	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/11/29 21:33
S87	769777	(polymer or monomer or \$4thiophene or \$4pyrrole or \$4aniline) with (prepar\$5 or mak\$3 or manufactur\$3 or synthesi\$4 or produc\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/11/29 21:34
S88	18	S85 S87	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/11/29 21:34

S89	70	((Fe or iron or ferric) near (methylbenzene?sulfonic or 4-methylbenzene?sulfonic or methylbenzene?sulphonic or 4-methylbenzene?sulphonic or methylbenzene?sulphonate or 4-methylbenzene?sulphonate or salt)) or "Fe.sub.2(SO.sub.4).sub.3") with (mix\$3 or stir\$4 or treat\$2) with (NaOH or KOH or ((sodium or potassium) near hydroxide) with (oxidant or oxidizer))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/11/29 21:49
S90	54	S89 @ad <= "20030402"	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/11/29 21:49
S91	0	((Fe or iron or ferric) with (methylbenzene?sulfonic or 4-methylbenzene?sulfonic or methylbenzene?sulphonic or 4-methylbenzene?sulphonic or methylbenzene?sulphonate or 4-methylbenzene?sulphonate)) with (mix\$3 or stir\$4 or treat\$2) same (NaOH or KOH or ((sodium or potassium) near hydroxide) or exchanger)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/11/29 22:07
S92	0	((Fe or iron or ferric) with (methylbenzene?sulfonic or 4-methylbenzene?sulfonic or methylbenzene?sulphonic or 4-methylbenzene?sulphonic or methylbenzene?sulphonate or 4-methylbenzene?sulphonate)) same (NaOH or KOH or ((sodium or potassium) near hydroxide) or exchanger)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/11/29 22:07
S93	14298	((Fe or iron or ferric) with (methylbenzene?sulfonic or 4-methylbenzene?sulfonic or methylbenzene?sulphonic or 4-methylbenzene?sulphonic or methylbenzene?sulphonate or 4-methylbenzene?sulphonate)) or acid\$2 near salt) same (NaOH or KOH or ((sodium or potassium) near hydroxide) or exchanger)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/11/29 22:07

S94	6049	((Fe or iron or ferric) with (methylbenzene?sulfonic or 4-methylbenzene?sulfonic or methylbenzene?sulphonic or 4-methylbenzene?sulphonic or methylbenzene?sulphonate or 4-methylbenzene?sulphonate)) or acid\$2 near salt) with (NaOH or KOH or ((sodium or potassium) near hydroxide) or exchanger)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/11/29 22:09
S95	0	S94 and ((Fe or iron or ferric) near (methylbenzene?sulfonic or 4-methylbenzene?sulfonic or methylbenzene?sulphonic or 4-methylbenzene?sulphonic or methylbenzene?sulphonate or 4-methylbenzene?sulphonate))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/11/29 22:09
S96	3	S94 and (methylbenzene?sulfonic or 4-methylbenzene?sulfonic or methylbenzene?sulphonic or 4-methylbenzene?sulphonic or methylbenzene?sulphonate or 4-methylbenzene?sulphonate)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/11/29 22:10
S97	6049	((Fe or iron or ferric) near (methylbenzene?sulfonic or 4-methylbenzene?sulfonic or methylbenzene?sulphonic or 4-methylbenzene?sulphonic or methylbenzene?sulphonate or 4-methylbenzene?sulphonate)) or acid\$2 near salt) with (NaOH or KOH or ((sodium or potassium) near hydroxide) or exchanger)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/11/29 22:19
S98	0	((Fe or iron or ferric) near (methylbenzene?sulfonic or 4-methylbenzene?sulfonic or methylbenzene?sulphonic or 4-methylbenzene?sulphonic or methylbenzene?sulphonate or 4-methylbenzene?sulphonate))) with (NaOH or KOH or ((sodium or potassium) near hydroxide) or exchanger)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/11/29 22:19

S99	0	((Fe or iron or ferric) near (methylbenzene?sulfonic or 4-methylbenzene?sulfonic or methylbenzene?sulphonic or 4-methylbenzene?sulphonic or methylbenzene?sulphonate or 4-methylbenzene?sulphonate))) same (NaOH or KOH or ((sodium or potassium) near hydroxide) or exchanger)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/11/29 22:19
S100	0	((Fe or iron or ferric) near (methylbenzene?sulfonic or 4-methylbenzene?sulfonic or methylbenzene?sulphonic or 4-methylbenzene?sulphonic or methylbenzene?sulphonate or 4-methylbenzene?sulphonate))) same3 (NaOH or KOH or ((sodium or potassium) near hydroxide) or exchanger)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/11/29 22:19
S101	0	((Fe or iron or ferric) near (methylbenzene?sulfonic or 4-methylbenzene?sulfonic or methylbenzene?sulphonic or 4-methylbenzene?sulphonic or methylbenzene?sulphonate or 4-methylbenzene?sulphonate))) and (NaOH or KOH or ((sodium or potassium) near hydroxide) or exchanger)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/11/29 22:19
S102	1	((Fe or iron or ferric or salt) near (methylbenzene?sulfonic or 4-methylbenzene?sulfonic or methylbenzene?sulphonic or 4-methylbenzene?sulphonic or methylbenzene?sulphonate or 4-methylbenzene?sulphonate))) and (NaOH or KOH or ((sodium or potassium) near hydroxide) or exchanger)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/11/29 22:20

S103	0	((Fe or iron or ferric) same (methylbenzene?sulfonic or 4-methylbenzene?sulfonic or methylbenzene?sulphonic or 4-methylbenzene?sulphonic or methylbenzene?sulphonate or 4-methylbenzene?sulphonate))) same (NaOH or KOH or ((sodium or potassium) near hydroxide) or exchanger)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/11/29 22:22
S104	0	((Fe or iron or ferric or salt) same (methylbenzene?sulfonic or 4-methylbenzene?sulfonic or methylbenzene?sulphonic or 4-methylbenzene?sulphonic or methylbenzene?sulphonate or 4-methylbenzene?sulphonate))) same (NaOH or KOH or ((sodium or potassium) near hydroxide) or exchanger)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/11/29 22:22
S105	63	((Fe or iron or ferric or salt) same (methylbenzene?sulfonic or 4-methylbenzene?sulfonic or methylbenzene?sulphonic or 4-methylbenzene?sulphonic or methylbenzene?sulphonate or 4-methylbenzene?sulphonate or \$2toluene?sulphonate or \$2toluene?sulfonate or \$2toluene?sulfonic))) same (NaOH or KOH or ((sodium or potassium) near hydroxide) or exchanger)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/11/29 22:24
S106	29	((Fe or iron or ferric or salt) with (methylbenzene?sulfonic or 4-methylbenzene?sulfonic or methylbenzene?sulphonic or 4-methylbenzene?sulphonic or methylbenzene?sulphonate or 4-methylbenzene?sulphonate or \$2toluene?sulphonate or \$2toluene?sulfonate or \$2toluene?sulfonic))) same (NaOH or KOH or ((sodium or potassium) near hydroxide) or exchanger)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/11/29 22:24

S107	0	((Fe or iron or ferric) near (methylbenzene?sulfonic or 4-methylbenzene?sulfonic or methylbenzene?sulphonic or 4-methylbenzene?sulphonic or methylbenzene?sulphonate or 4-methylbenzene?sulphonate or \$2toluene?sulphonate or \$2toluene?sulfonate or \$2toluene?sulfonic))) and (salt with (NaOH or KOH or ((sodium or potassium) near hydroxide) or exchanger))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/11/29 22:32
S108	0	((Fe or iron or ferric) near (methylbenzene?sulfonic or 4-methylbenzene?sulfonic or methylbenzene?sulphonic or 4-methylbenzene?sulphonic or methylbenzene?sulphonate or 4-methylbenzene?sulphonate or \$2toluene?sulphonate or \$2toluene?sulfonate or \$2toluene?sulfonic))) and (NaOH or KOH or ((sodium or potassium) near hydroxide) or exchanger)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/11/29 22:32
S109	0	((Fe or iron or ferric) near (methylbenzene?sulfonic or 4-methylbenzene?sulfonic or \$2methylbenzene?sulphonic or 4-methylbenzene?sulphonic or \$2methylbenzene?sulphonate or 4-methylbenzene?sulphonate or \$2toluene?sulphonate or \$2toluene?sulfonate or \$2toluene?sulfonic))) and (NaOH or KOH or ((sodium or potassium) near hydroxide) or exchanger)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/11/29 22:33
S110	2	((Fe or iron or ferric) near (methylbenzene?sulfonic or 4-methylbenzene?sulfonic or \$2methylbenzene?sulphonic or 4-methylbenzene?sulphonic or \$2methylbenzene?sulphonate or 4-methylbenzene?sulphonate or \$2toluene?sulphonate or \$2toluene?sulfonate or \$2toluene?sulfonic)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/11/29 22:33

S111	114	(((Fe or iron or ferric) with (methylbenzene?sulfonic or 4-methylbenzene?sulfonic or \$2methylbenzene?sulphonic or 4-methylbenzene?sulphonic or \$2methylbenzene?sulphonate or 4-methylbenzene?sulphonate or \$2toluene?sulphonate or \$2toluene?sulfonate or \$2toluene?sulfonic)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/11/29 22:43
S112	50	S111 and (NaOH or KOH or ((sodium or potassium) near hydroxide) or exchanger)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/11/29 22:43
S113	2	(((Fe or iron or ferric) with (methylbenzene?sulfonic or 4-methylbenzene?sulfonic or \$2methylbenzene?sulphonic or 4-methylbenzene?sulphonic or \$2methylbenzene?sulphonate or 4-methylbenzene?sulphonate or \$2toluene?sulphonate or \$2toluene?sulfonate or \$2toluene?sulfonic))) same (NaOH or KOH or ((sodium or potassium) near hydroxide) or exchanger)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/11/29 22:43
S114	0	(((Fe or iron or ferric) near (methylbenzene?sulfonic or 4-methylbenzene?sulfonic or \$2methylbenzene?sulphonic or 4-methylbenzene?sulphonic or \$2methylbenzene?sulphonate or 4-methylbenzene?sulphonate or \$2toluene?sulphonate or \$2toluene?sulfonate or \$2toluene?sulfonic))) and (NaOH or KOH or ((sodium or potassium) near hydroxide) or exchanger)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/11/29 22:49
S115	44142	(salt with (functionaliz\$3 or functional or radical) with acid\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/11/29 23:03
S116	7893	(((Fe or iron or metal\$3) near salt) with (functionaliz\$3 or functional or radical) with acid\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/11/29 23:03

S117	1	S116 and (((Fe or iron or ferric) with (methylbenzene? sulfonic or 4-methylbenzene? sulfonic or \$2methylbenzene? sulphonic or 4-methylbenzene?sulphonic or \$2methylbenzene? sulphonate or 4-methylbenzene?sulphonate or \$2toluene?sulphonate or \$2toluene?sulfonate or \$2toluene?sulfonic))) and (NaOH or KOH or ((sodium or potassium) near hydroxide) or exchanger)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/11/29 23:04
S118	55	S116 and (methylbenzene? sulfonic or 4-methylbenzene? sulfonic or \$2methylbenzene? sulphonic or 4-methylbenzene?sulphonic or \$2methylbenzene? sulphonate or 4-methylbenzene?sulphonate or \$2toluene?sulphonate or \$2toluene?sulfonate or \$2toluene?sulfonic) and (NaOH or KOH or ((sodium or potassium) near hydroxide) or exchanger)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/11/29 23:05
S119	0	(((Fe or iron or ferric) near (methylbenzene?sulfonic or 4-methylbenzene?sulfonic or \$2methylbenzene?sulphonic or 4-methylbenzene? sulphonic or \$2methylbenzene? sulphonate or 4-methylbenzene?sulphonate or \$2toluene?sulphonate or \$2toluene?sulfonate or \$2toluene?sulfonic))).ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/11/29 23:12
S120	4	(((Fe or iron or ferric or metal \$3) near (methylbenzene? sulfonic or 4-methylbenzene? sulfonic or \$2methylbenzene? sulphonic or 4-methylbenzene?sulphonic or \$2methylbenzene? sulphonate or 4-methylbenzene?sulphonate or \$2toluene?sulphonate or \$2toluene?sulfonate or \$2toluene?sulfonic)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/11/29 23:12
S121	519	metal adj salt with exchanger	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/11/30 09:50

S122	2	metal adj salt with exchanger same (oxidant or oxidizer)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/11/30 09:50
S123	0	metal adj salt with exchanger same (dopant)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/11/30 09:51
S124	48	metal adj salt with exchanger same (catalyst)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/11/30 09:51
S125	0	((((Fe or iron or ferric) near (methylbenzene?sulfonic or 4-methylbenzene?sulfonic or \$2methylbenzene?sulphonic or 4-methylbenzene?sulphonic or \$2methylbenzene?sulphonate or 4-methylbenzene?sulphonate or \$2toluene?sulphonate or \$2toluene?sulfonate or \$2toluene?sulfonic))) near3 treat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/11/30 10:20
S126	645	((((Fe or iron or ferric) near (methylbenzene?sulfonic or 4-methylbenzene?sulfonic or \$2methylbenzene?sulphonic or 4-methylbenzene?sulphonic or \$2methylbenzene?sulphonate or 4-methylbenzene?sulphonate or \$2toluene?sulphonate or \$2toluene?sulfonate or \$2toluene?sulfonic or salt))) near3 treat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/11/30 10:20
S127	0	((((Fe or iron or ferric) near (methylbenzene?sulfonic or 4-methylbenzene?sulfonic or \$2methylbenzene?sulphonic or 4-methylbenzene?sulphonic or \$2methylbenzene?sulphonate or 4-methylbenzene?sulphonate or \$2toluene?sulphonate or \$2toluene?sulfonate or \$2toluene?sulfonic or sul\$2on \$3 adj salt))) near3 treat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/11/30 10:21

S128	0	((Fe or iron or ferric) near (methylbenzene?sulfonic or 4-methylbenzene?sulfonic or \$2methylbenzene?sulphonic or 4-methylbenzene?sulphonic or \$2methylbenzene?sulphonate or 4-methylbenzene?sulphonate or \$2toluene?sulphonate or \$2toluene?sulfonate or \$2toluene?sulfonic or sul\$2on \$3))) near3 treat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/11/30 10:21
S129	645	((Fe or iron or ferric) near (methylbenzene?sulfonic or 4-methylbenzene?sulfonic or \$2methylbenzene?sulphonic or 4-methylbenzene?sulphonic or \$2methylbenzene?sulphonate or 4-methylbenzene?sulphonate or \$2toluene?sulphonate or \$2toluene?sulfonate or \$2toluene?sulfonic or sul\$2on \$3 or salt))) near3 treat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/11/30 10:22
S130	0	((Fe or iron or ferric) near (methylbenzene?sulfonic or 4-methylbenzene?sulfonic or \$2methylbenzene?sulphonic or 4-methylbenzene?sulphonic or \$2methylbenzene?sulphonate or 4-methylbenzene?sulphonate or \$2toluene?sulphonate or \$2toluene?sulfonate or \$2toluene?sulfonic or sul\$2on \$3 or salt))) near3 treat\$4 with exchanger	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/11/30 10:22
S131	32	((Fe or iron or ferric) near (methylbenzene?sulfonic or 4-methylbenzene?sulfonic or \$2methylbenzene?sulphonic or 4-methylbenzene?sulphonic or \$2methylbenzene?sulphonate or 4-methylbenzene?sulphonate or \$2toluene?sulphonate or \$2toluene?sulfonate or \$2toluene?sulfonic or sul\$2on \$3 or salt))) near3 treat\$4 with (zeolite or montmorillonite or attapulgite or bentonite or aluminosilicate or NaOH or	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/11/30 10:23

		KOH or ((sodium or potassium) adj hydroxide))				
S132	2	("4961917").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/11/30 10:29
S136	0	treat\$3 with ((Fe or iron) near2 salt) with (ion\$2 near exchange?)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/12/14 10:40
S137	47	treat\$3 with ((Fe or iron or metal\$3) near2 salt) with (ion\$2 near exchange?)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/12/14 10:40
S138	12	S137 and ((Fe or iron or metal\$3) near2 salt) with ("p-toluene-sulfonic" or sulfonic or sulphonic or sulfonate or sulphonate)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/12/14 10:41
S139	35	S137 not S138	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/12/14 10:48
S140	2	("5006496").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/12/14 10:52
S141	15	("3364135" "3376215" "3455842" "3706694" "3853747" "4415439" "4487843").PN. OR ("5006496").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2009/12/14 11:14
S142	0	(catalyst or oxidant) near3 for near3 polymer	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/12/14 11:16
S143	41325	(catalyst or oxidant) with (prepar\$3 or synthesi\$5 or mak\$3 or ract\$3) with (\$2polymer\$2 or monomer)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/12/14 11:17
S144	12	S143 ((Fe or iron or metal\$3) near2 salt) with (ion\$2 near exchange?)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/12/14 11:18
S145	970	((Fe or iron or metal\$3) near2 salt) with ("p-toluene-sulfonic" or sulfonic or sulphonic or sulfonate or sulphonate) and (ion near exchange?)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/12/14 11:21
S146	890	S145 and (\$2polymer\$2 or \$4aniline or \$4thiophen or \$4pyrrole)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/12/14 11:22

S147	37	((Fe or iron or metal\$3) near2 salt) with ("p-toluene-sulfonic" or sulfonic or sulphonic or sulfonate or sulphonate) same (ion near exchange?)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/12/14 11:22
S148	25	S147 and (\$2polymer\$2 or \$4aniline or \$4thiophen or \$4pyrrole)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/12/14 11:22
S149	449	((Fe or iron or metal\$3) near salt) with ("p-toluene-sulfonic" or sulfonic or sulphonic or sulfonate or sulphonate) same2 (ion near exchange? or zeolite)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2009/12/14 11:35

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